FIG. 1

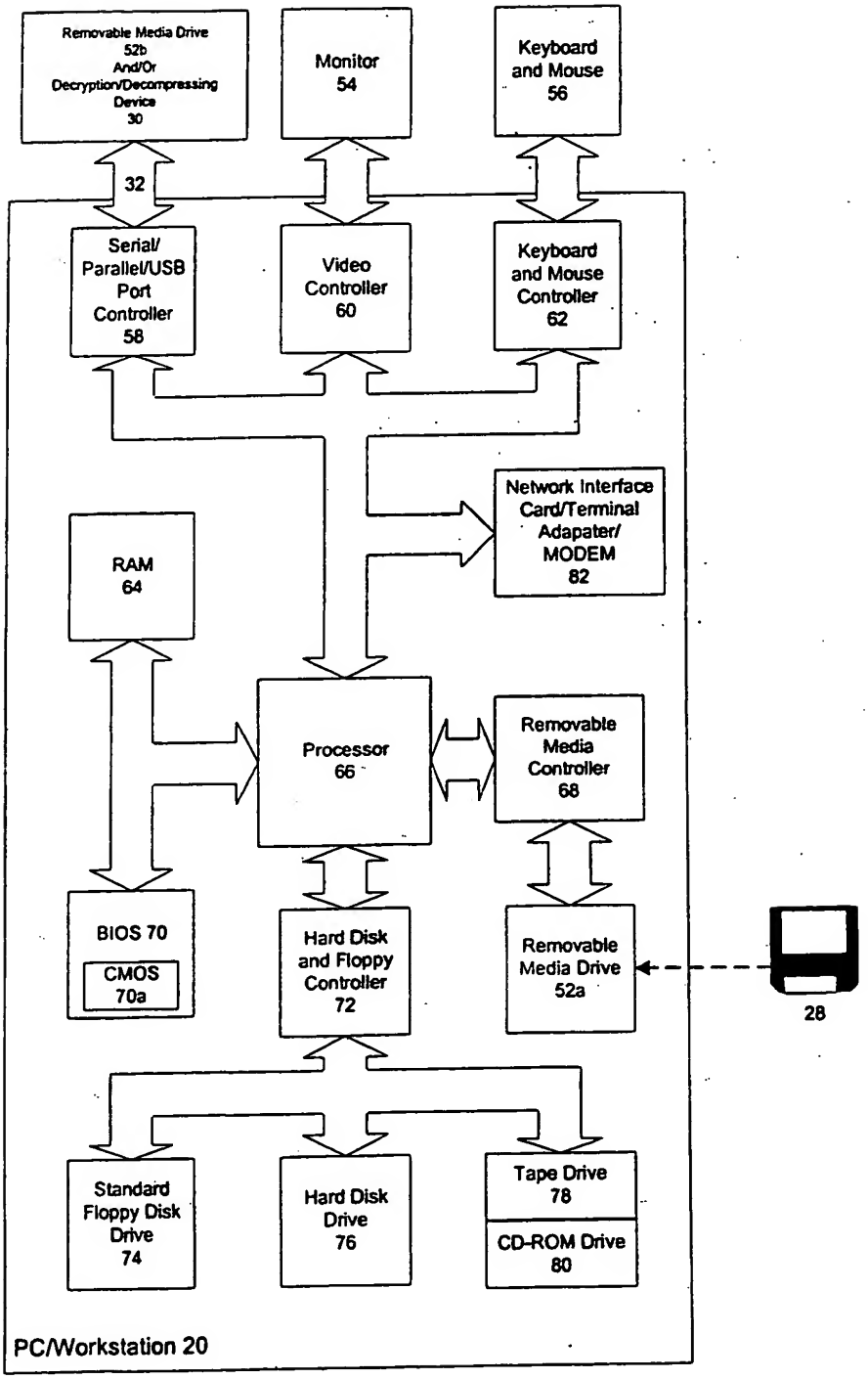
Removable Media Drive 52b And/Or Decryption/Decompressing Device 30
Monitor 54
Keyboard and Mouse 56
32
Serial/ Parallel/USB Port Controller 58
Video Controller 60
Keyboard and Mouse Controller 62
Network Interface Card/Terminal Adapater/ MODEM 82
RAM 64
Processor 66
Removable Media Controller 68
BIOS 70
CMOS 70a
Hard Disk and Floppy Controller 72
Removable Media Drive 52a
28
Standard Floppy Disk Drive 74
Hard Disk Drive 76
Tape Drive 78
CD-ROM Drive 80
PC/Workstation 20

FIG. 2

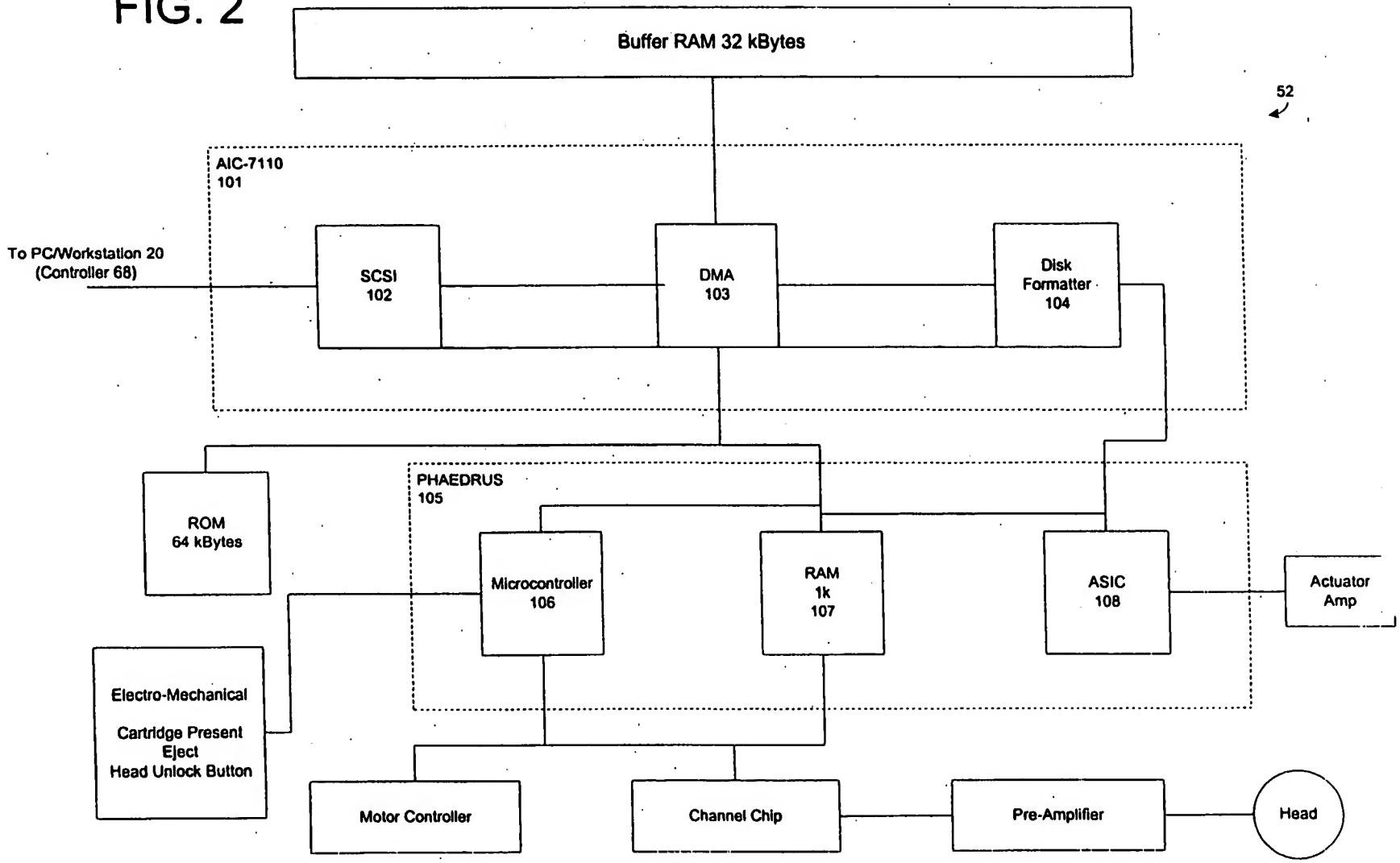
Buffer RAM 32 kBytes
52
AIC-7110
101
To PC/Workstation 20
(Controller 68)
SCSI
102
DMA
103
Disk
Formatter
104
PHAEDRUS
105
ROM
64 kBytes
Microcontroller
106
RAM
1k
107
ASIC
108
Actuator
Amp
Electro-Mechanical
Cartridge Present
Eject
Head Unlock Button
Motor Controller
Channel Chip
Pre-Amplifier
Head

FIG. 3

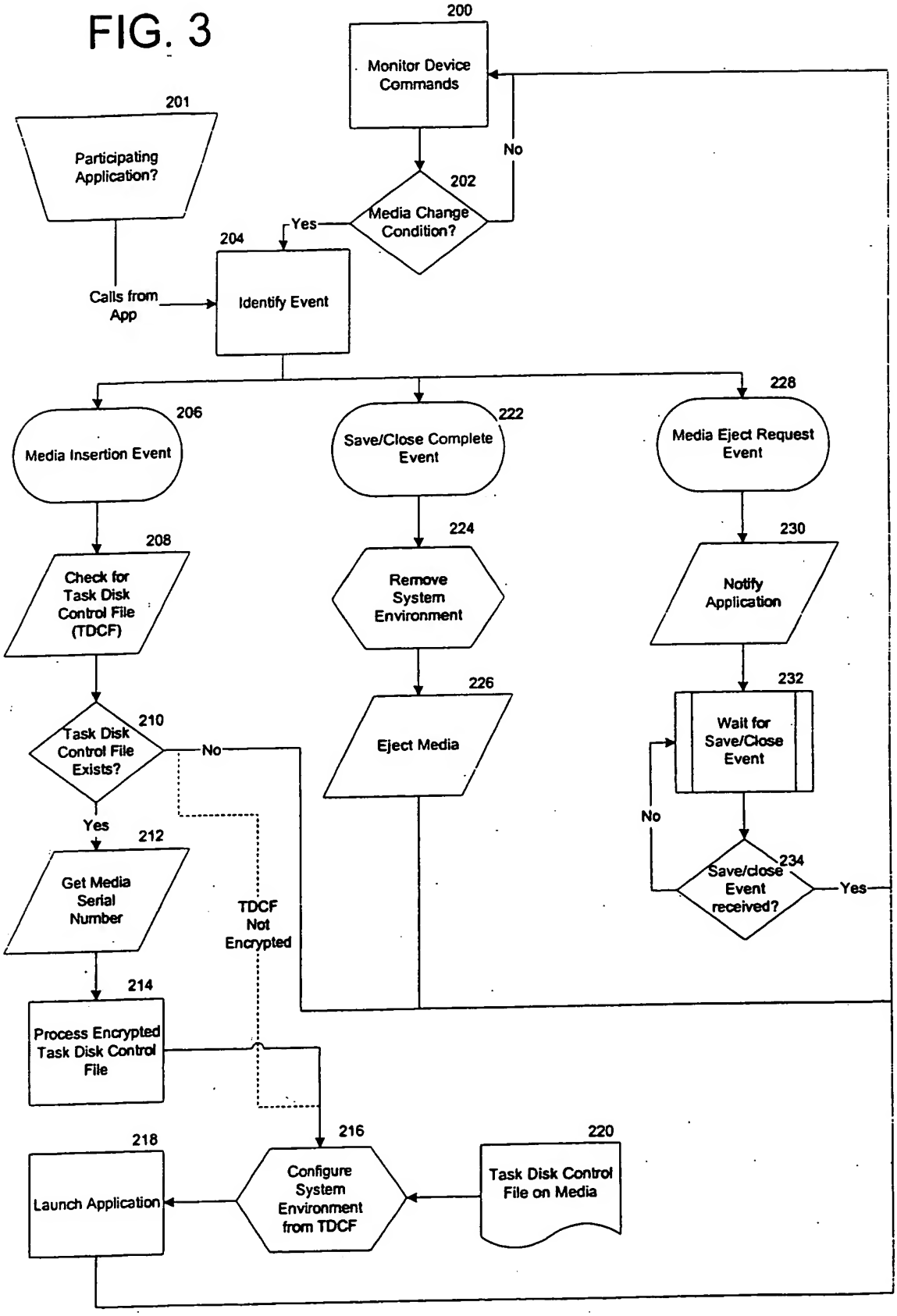
200
Monitor Device Commands
201
Participating Application?
No
202
Media Change Condition?
Yes
204
Identify Event
Calls from App
228
206
Media Insertion Event
222
Save/Close Complete Event
Media Eject Request Event
208
224
230
Check for Task Disk Control File (TDCF)
Remove System Environment
Notify Application
226
232
Task Disk Control File Exists?
210
Eject Media
Wait for Save/Close Event
No
Yes
212
234
Get Media Serial Number
Save/close Event received?
Yes
TDCF Not Encrypted
214
Process Encrypted Task Disk Control File
216
220
218
Launch Application
Configure System Environment from TDCF
Task Disk Control File on Media

FIG. 4

```
##################################################
#
#       Task disk control file example
#
##################################################


##################################################
#  symbols
#               [ ] - indicates a registry Key
#               +   - add or modify a registry value
#               -   - remove registry Item
#               { } - section header
##################################################

#---------- Pre-run section ----------
{ PRE-RUN }
        +[HKLM\Software\Iomega\APP\]
                +RunPath="$:\app1\app1.exe"
        +[HKCR\.myapp]
                +Default="MYAPPICON"
        +[HKCR\MYAPPICON\shell\command\Open]
                +Default="$:\app1\app1.exe %1"

        # if we need to pre-load an application:
        load=$:\preloadapp.exe

#---------- Application run section ----------
{ RUN }
        load=$:\app1\app1.exe


#---------- clean-up section ----------
{ POST-RUN }
        -[HKLM\Software\Iomega\APP\]
        -[HKCR\.myapp]
        -[HKCR\MYAPPICON\shell\command\Open]

        # if we need to post-load an application:
        load=$:\prostloadapp.exe
```

220

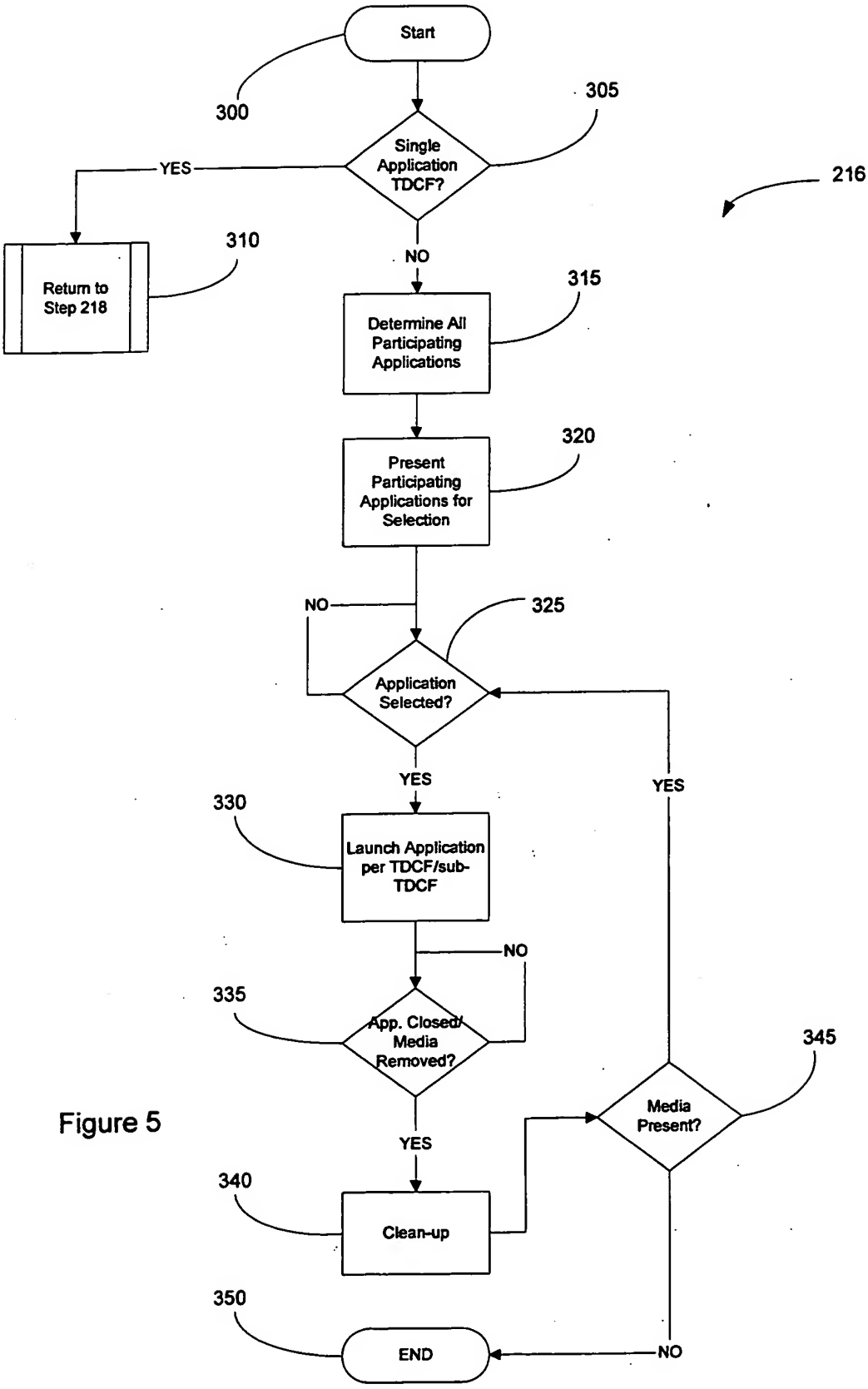
Start
300
305
Single Application TDCF?
YES
216
310
Return to Step 218
NO
315
Determine All Participating Applications
320
Present Participating Applications for Selection
NO
325
Application Selected?
YES
YES
330
Launch Application per TDCF/sub-TDCF
NO
335
App. Closed/ Media Removed?
345
Media Present?
YES
340
Clean-up
350
END
NO

Figure 5